

Appendix 3. Studies included for each outcome. [posted as supplied by author]

Comparison: Any radiation vs no radiation

	Any lag	5 year lag	10 year lag	Hazard ratio
Bladder cancer	Bhojani 2010 Boorjian 2007 Davis 2014 Hinnen 2011 Nam 2014 Pickles 2002 Singh 2008 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Nam 2014 Singh 2010	Bhojani 2010 Davis 2014	Abern 2013 Bhojani 2010 Boorjian 2007 Hinnen 2011
Colorectal cancer	Bhojani 2010 Boorjian 2007 Davis 2014 Hinnen 2011 Margel 2011 Nam 2014 Pickles 2002 Rapiti 2008 Van Hemelrijck 2014 Zelefsky 2012b	Berrington 2011 Bhojani 2010 Nam 2014 Rapiti 2008	Bhojani 2010 Davis 2014	Baxter 2005 Bhojani 2010 Hinnen 2011
Rectal cancer	Bhojani 2010 Boorjian 2007 Davis 2014 Hinnen 2011 Margel 2011 Rapiti 2008 Van Hemelrijck 2014 Zelefsky 2012b	Berrington 2011 Bhojani 2010 Rapiti 2008	Bhojani 2010 Davis 2014	Baxter 2005 Bhojani 2010 Hinnen 2011
Lung cancer	Bhojani 2010 Davis 2014 Hinnen 2011 Nam 2014 Pickles 2002 Van Hemelrijck 2014 Zelefsky 2012b	Berrington 2011 Bhojani 2010 Nam 2014	Bhojani 2010 Davis 2014	Bhojani 2010 Huang 2011
Hematologic cancer	Davis 2014 Hinnen 2011 Nam 2014 Pickles 2002 Van Hemelrijck 2014 Zelefsky 2012b	Moon 2006 Nam 2014	Davis 2014	Huang 2011

Comparison: Any radiation vs surgery

	Any lag	5 year lag	10 year lag	Hazard ratio
Bladder cancer	Abern 2013 Bhojani 2010 Boorjian 2007 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Nam 2014	Bhojani 2010	Abern 2013 Bhojani 2010
Colorectal cancer	Bhojani 2010 Boorjian 2007 Margel 2011 Nam 2014 Nieder 2008 Van Hemelrijck 2014 Zelefsky 2012b	Baxter 2005 Bhojani 2010 Nam 2014	Bhojani 2010	Baxter 2005 Bhojani 2010
Rectal cancer	Bhojani 2010 Boorjian 2007 Margel 2011 Nieder 2008 Van Hemelrijck 2014 Zelefsky 2012b	Baxter 2005 Bhojani 2010	Bhojani 2010	Baxter 2005 Bhojani 2010
Lung cancer	Bhojani 2010 Brenner 2000 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Nam 2014 Bhojani 2010	Bhojani 2010	Huang 2011
Hematologic cancer	Brenner 2000 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Nam 2014		Huang 2011

Comparison: EBRT vs no radiation

	Any lag	5 year lag	10 year lag	Hazard ratio
Bladder cancer	Bhojani 2010 Davis 2014 Nam 2014 Pickles 2002 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Nam 2014 Singh 2010	Bhojani 2010 Davis 2014	Bhojani 2010 Singh 2010
Colorectal cancer	Bhojani 2010 Davis 2014 Margel 2011 Nam 2014 Pickles 2002 Rapiti 2008 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Nam 2014 Moon 2006 Rapiti 2008	Bhojani 2010 Davis 2014	Baxter 2005 Bhojani 2010
Rectal cancer	Bhojani 2010 Davis 2014 Margel 2011 Rapiti 2008 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Moon 2006 Rapiti 2008	Bhojani 2010 Davis 2014	Baxter 2005 Bhojani 2010
Lung cancer	Bhojani 2010 Davis 2014 Nam 2014 Pickles 2002 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Moon 2006 Nam 2014	Bhojani 2010 Davis 2014	Bhojani 2010 Huang 2011
Hematologic cancer	Davis 2014 Nam 2014 Pickles 2002 Van Hemelrijck 2014 Zelefsky 2012b	Moon 2006 Nam 2014	Davis 2014	Huang 2011

Comparison: EBRT vs surgery

	Any lag	5 year lag	10 year	Hazard ratio
Bladder cancer	Abern 2013 Bhojani 2010 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Bhojani 2010 Nam 2014	Bhojani 2010	Huang 2011
Colorectal cancer	Bhojani 2010 Margel 2011 Nam 2014 Nieder 2008 Van Hemelrijck 2014 Zelefsky 2012b	Baxter 2005 Bhojani 2010 Nam 2014	Bhojani 2010	Baxter 2005
Rectal cancer	Bhojani 2010 Margel 2011 Nieder 2008 Van Hemelrijck 2014 Zelefsky 2012b	Baxter 2005 Bhojani 2010	Bhojani 2010	Baxter 2005
Lung cancer	Bhojani 2010 Brenner 2000 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Nam 2014 Bhojani 2010	Bhojani 2010	Huang 2011
Hematologic cancer	Brenner 2000 Nam 2014 Van Hemelrijck 2014 Zelefsky 2012b	Nam 2014		Huang 2011

Comparison: Brachytherapy vs no radiation

	Any lag	5 year lag	Hazard ratio
Bladder cancer	Abern 2013 Hinnen 2011 Zelefsky 2012b	Moon 2006	Abern 2013 Hinnen 2011
Colorectal cancer	Hinnen 2011 Nieder 2008 Zelefsky 2012b	Moon 2006	Hinnen 2011
Rectal cancer	Hinnen 2011 Nieder 2008 Zelefsky 2012b	Moon 2006	
Lung cancer	Abdel-Wahab 2008 Hinnen 2011 Zelefsky 2012b	Moon 2006	Huang 2011
Hematologic cancer	Abdel-Wahab 2008 Hinnen 2011 Zelefsky 2012b	Moon 2006	Huang 2011

Comparison: Brachytherapy vs surgery

	Any lag	5 year lag	Hazard ratio
Bladder cancer	Abern 2013 Zelefsky 2012b		Abern 2013
Colorectal cancer	Nieder 2008 Zelefsky 2012b		
Rectal cancer	Nieder 2008 Zelefsky 2012b		
Lung cancer	Zelefsky 2012b		Huang 2011
Hematologic cancer	Zelefsky 2012b		Huang 2011

